

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 October 2004 (14.10.2004)

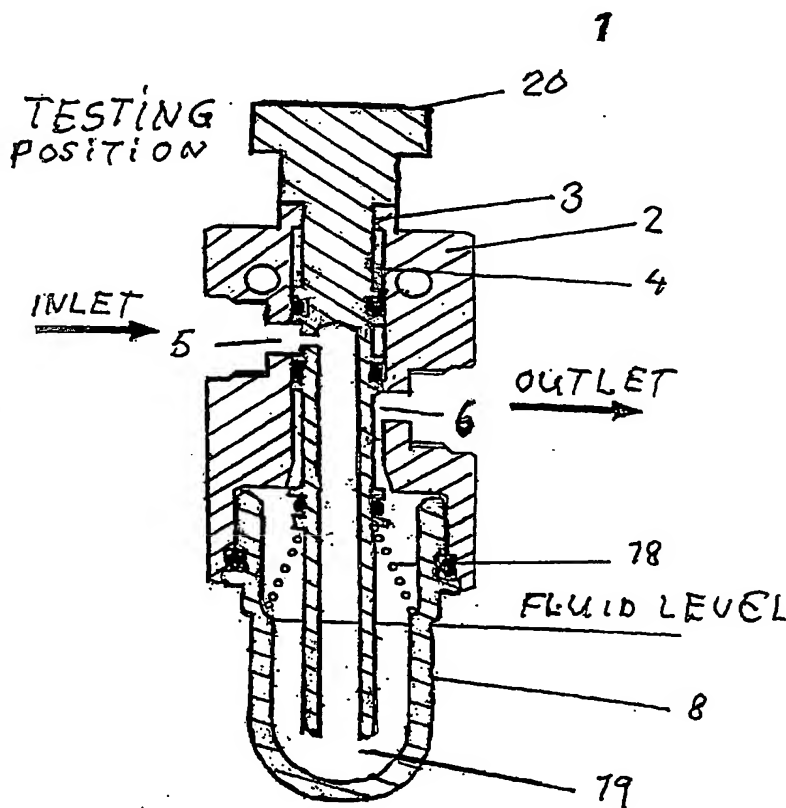
PCT

(10) International Publication Number  
**WO 2004/088268 A1**

- (51) International Patent Classification<sup>7</sup>: **G01M 3/00**
- (21) International Application Number: **PCT/SE2004/000464**
- (22) International Filing Date: **26 March 2004 (26.03.2004)**
- (25) Filing Language: **Swedish**
- (26) Publication Language: **English**
- (30) Priority Data:  
0301002-2                      4 April 2003 (04.04.2003)    **SE**
- (71) Applicant (for all designated States except US):  
**SUNDQUIST METALL AB [SE/SE];** Filarevägen  
4, S-703 75 Örebro (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **GUSTAFSSON, Mor-**  
**gan [SE/CH];** Im Eichli 15, CH-6315 Oberägeri (CH).
- (74) Agent: **LAUTMANN, Kurt; Kurt Lautmanns Patentbyrå**  
**AB, Box 245, S-691 25 Karlskoga (SE).**
- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: DEVICE FOR DETERMINING EFFECTS SUFFERED BY A FLOW-CONTROLLED GASEOUS MEDIUM



(57) Abstract: Liquefied petroleum gas is widely used in leisure time activities. Here, as liquefied petroleum gas is highly inflammable, it is important to have an indicator (19) that quickly determines whether there is leakage. The present invention relates to a new leak indicator (19) that, when an easily operated button (20) is pushed downwards into a cavity (8), indicates whether or not there is leakage. The space confined in the cavity (8) is completely closed off when the appertaining liquefied petroleum gas system is in normal operation mode.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

— with amended claims

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*